

Identification of the substance or preparation:

BECOLITE 3000, 5000

Revision date: 04.03.2011 / 25.09.2012 Version: 2 Date of print: 25.09.2012

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifiers****BECOLITE 3000, 5000**

The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH]: X

Use of the substance/ preparation: Filter Aid

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**Supplier (manufacturer/importer/ Eaton Technologies GmbH
downstream user/distributor):Begerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim

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Only available during office hours.

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1.4. Emergency telephone numberDept. responsible for information: Produktmanagement
Only available during office hours.

Emergency telephone: +49 6704 204-0

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification according to EC regulation 1272/2008 (CLP):

none/none

Classification according to Directive 67/548/EEC or 1999/45/EC:

none/none

Further remarks:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.2. Label elements**2.3. Other hazards****SECTION 3: Composition / Information on ingredients****Chemical characterization (preparation):**

Perlite (CAS Nr. 93763-70-3; EINECS Nr. 310-127-6)

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation:**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

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After contact with skin, wash immediately with plenty of water and soap.

In case of eye contact:

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion:

Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed**

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media:**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**

In case of fire may be liberated: Gases/vapours, toxic. Gases/vapours, irritant. Gases/vapours, corrosive. Gases /vapours, flammable. Gases/vapours, harmful.

5.3. Advice for firefighters**Special protective equipment for firefighters:**

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:**

Avoid generation of dust. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions**Environmental measures:**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up:**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Avoid generation of dust. Dispose according to legislation.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advices on safe handling:**

Avoid generation of dust. Provide for sufficient ventilation and punctiform suction at critical points.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers:**

Keep container tightly closed in a cool, well-ventilated place. Store in a dry place.

Hints on joint storage:

Do not camp down with smell intensive materials. The material can adsorb smell-intensive material because of its big surface.

7.3. Specific end use(s)

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SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Remarks:

The lists valid during the making were used as basis.

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls**Technical measures:**

Provide for sufficient ventilation and punctiform suction at critical points.

Respiratory protection: Respiratory protection necessary at/for: dust formation

Suitable respiratory protection apparatus: Filtering device (DIN EN 147). P 2

Hand protection: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Suitable material: PVA (Polyvinyl alcohol). NBR (Nitrile rubber). Butyl caoutchouc (butyl rubber).

Thickness of the glove material: No data available

Penetration time (maximum wearing period): The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed safety glasses. DIN EN 166

Body protection: Protective clothing.

General protection and hygiene measures:

Observe the usual precautionary measures for handling chemicals.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: Powder

Colour: white, grey

Odour: odourless

Important health, safety and environmental information:

			Unit		Method
Density:	2,2	- 2,4	g/cm³	at °C 20	
Bulk density:	0,8	- 0,20	kg/m³		
Water solubility (g/l):		- 0,001	g/l	at °C 20	

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

10.4. Conditions to avoid

Avoid generation of dust.

10.5. Incompatible materials

Acid may release reactive fluorine compounds. Hydrofluoric

10.6. Hazardous decomposition products

No data available

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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity:**

Toxicological data are not available.

Acute toxicity:

CAS No.	Chemical name	LD50: oral	Unit	Species	LD50: dermal	Unit	Species	LC50: inhalat iv	Unit	Species
93763-70-3	Perlite	12900	mg/kg	Mouse.						

Irritant and corrosive effects:

Prolonged or widespread contact may cause drying of the skin. Can irritate upper respiratory organs.

General remarks:

According to our experience and information, the product will cause no adverse health effects when used properly and as directed. The material is not subject to compulsory labelling according to EC lists currently in effect.

SECTION 12: Ecological information**12.1. Toxicity****Aquatic toxicity:**

According to the present state of knowledge negative ecological effects are not expected.

12.2. Persistence and degradability**Method:**

No data available

12.3. Bioaccumulative potential**12.4. Mobility in soil**

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Recommendation:**

The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

Contaminated packaging:**Recommendation:**

Non-contaminated packages may be recycled.

SECTION 14: Transport information**14.1. Land transport (ADR/RID)****14.2. Inland waterway craft (ADN/ADNR)****14.3. Sea transport (IMDG)**

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14.4. Air transport (ICAO-TI / IATA-DGR)

14.5. Additional information:

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Störfallverordnung:

Unterliegt nicht der StörfallV.

Water Hazard Class: n **Source:** S Selbsteinstufung

Other regulations (EU):

The usual precautionary measures are to be adhered to when handling chemicals.

SECTION 16: Other information

Further remarks:

The above information describes exclusively the safety requirements of the product and is based on our present -day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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